

# SOUTH PRODUCTION NOTES

September 15, 2014  
Day Shift

BASF EMPLOYEES  
77 Last Recordable  
438 Last Lost Time

Down to the last couple of 113 bags. Planning to switch to 114 bags temporarily  
Continue to Record Fines on Green Sheet

## #1 MED / AI-5645:

Continue to run. Extruder speed and on/off/fault reset locally controlled from the control panel under the stairs. Be sure to pass this on to the morning crew, as we will run manually for the next few days until the run is complete.

Midnight shift: On hold.

Day shift:

Afternoon shift: John Bodmann will calculate if enough batches made, and will advise on Monday. Hold off with cleaning line until advised.

## #1 RC / AI-5645:

Work scheduled on calciner the weeks of 9/22 and 9/29.

Midnight shift: Ran out of feed about 3am.

Day shift:

Afternoon shift: Continue last available bags...keep eye on feed hopper (do not let it run empty). Move bags to 3<sup>rd</sup> floor.

Exhaust to Trimer

## #2 MED line / Cu-0860:

Continue. Add in the wet mix from the cart as we go. Each shift needs to make an effort at soaking and power washing inserts...we are consuming these way too quickly, and will probably run out soon. If this is not working, please notify GL and/or engineer (Bodmann).

Midnight shift: Continued. Had to pull auger late on second shift/early third shift to clean barrel of material that would not transport. Reinstalled and restarted.

Day Shift:

Afternoon Shift: Continue. First batch of inserts taken to AI Gel lab to muffle fire in oven at low temp (per Bob Priscak). Will bake for 2 hours, let cool and try to clean out for re-use (poke with paper clip). Sebastian will oversee tonight.

## #2 RC/ Cu-0860:

Continue to feed the calciner.

Midnight Shift: Continued.

Day Shift:

Afternoon shift: Continue

## Exhaust to F1

### **#3 MED / D-1794:**

Continue On. **Continue. Add in the wet mix from the cart and any drums as we go.**

Midnight Shift: Continued.

Day shift:

Afternoon Shift: Continue

### **#3 RC / D-1794:**

Continue when feed is available.

Midnight shift: Continued.

Day shift:

Afternoon Shift: Continue...move bags to 3<sup>rd</sup> floor

**Need to exhaust to CTO**

### **New Pfaudler / D-1145 SNAP:**

When material available again, continue. Should make 2 Batches per Shift.

Midnight shift: Hold for base material to make batches

Day shift: Hold for base material to make batches

Afternoon Shift: Hold

### **National Dryer / D-1145 SNAP:**

When material available again, continue. **Target = 1200 lbs. per hour.**

Midnight Shift: No activity.

Day shift: No activity

Afternoon Shift: Hold

### **#4 RC / D-1145 SNAP:**

Working on “shocking the calciner” by bringing up the calciner up to temp and holding for an hour and then shutting it down completely. Then repeat. **This was done as a test / cleaning to minimize buildup. A determination needs to be made if we continue to do this or not or we can pull out the syntron just to inspect. Actual cleaning and possible tube swap out will not happen until the run is over.**

Midnight Shift: No change.

Day shift: No activity.

Afternoon Shift: Down. There is an accumulation of large chunks/debris in the oversize drum, but nothing in the small bag on the loading rack. Inspection of tube (pull syntron?) may be needed.

## **Exhaust to 4A DC**

### **#5 RC / Cu-0539 (2 more bags found), then Cu-3818 next:**

Continue to feed. W.O.W. for inspection of the 5A roto-lock (possibly worn paddles). (RS 9/8/14) – When run is complete. **Hold for instructions from Bodmann. Cu 3818 should be next. Copper Carbonate-do not use World Metals.**

Midnight Shift: Running the out the last 2 bags of feed that were found.

Day shift:

Afternoon shift: Continue, as 2 more bags of feed found. Will need to purge 5A again when these bags are gone before switching to Phibro-Tech Cu Carb for Cu 3818.

## **Exhaust to 5A DC**

### **Abbe Blender / 5206:**

**ONLY run Abbe on off shifts and weekends.**

Midnight shift: Putting hopper back above the abbe to cover the hole since there is going to be contractor work resuming today. Will need water tested.

Day shift:

Afternoon Shift: Screen reset and drying. Will not make batches as we are cleaning up #6 dryer for Shirmer to power blast (soda blast) the belt on Monday.

### **#6 RC / D-5206**

**Continue when we have feed and can run the Abbe.**

Midnight shift: Continued to clean Shutting dryer down. Will need a little more cleaning early on first shift.

Day Shift:

Afternoon shift: We are cleaning up #6 dryer for Shirmer to power blast (soda blast) the belt on Monday. Cleaning to start (and hopefully complete) early midnight shift.

## **Exhaust to Sly Scrubber**

### **Tower 3 / Cu-1986:**

Continue On.

Midnight Shift: Loaded and running.

Day shift:

Afternoon shift: Chiller was reset by tower operator, running

### **Tower 6 / Cu-0860:**

Continue on.

Midnight Shift: Loaded and running.



**Day shift:**

**Afternoon shift:** Chiller was reset by tower operator, running

**North Screener / Cu-1986:**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:**

**Afternoon shift:** Continue

**South Screener / Cu 0860 :**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:**

**Afternoon Shift:** Continue

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

**Midnight shift:** Continued.

**Day Shift:**

**Afternoon shift:** Continue

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

**Midnight shift:** Down due to overload fault. Need electrician.

**Day shift:**

**Afternoon shift:** Down (powder issue). See afternoon operator for update.

**Old Pfaudler / Clean for D-1795:**

**Hold, D-1795 impregs coming soon**

**Midnight Shift:** Hold

**Day Shift:** Hold

**Afternoon shift:** Hold

**TK #2 / Setup for V-2010 is Next:**

**NOTE:** all tunnel kiln personnel need to remove their belongings from their respective TK Racal lockers. Chuck Evans will have new Racal/PAPR lockers assigned to TK operators by the PPE shelves in building 17. See Chuck or your GL for details. **V-2010 press cake is in the warehouse (across from receiving docks).**

**Midnight shift:** Continued loading.

**Day Shift:**

**Afternoon shift: Continue loading**

**TK #4 / Cu 0540 next (Sterotex screening for now):**

**This kiln is off.**

**Midnight shift: No activity**

**Day Shift: No activity**

**Afternoon shift: No activity**

**PK Blender / 3915 Pill Mix:**

**HOLD!!!! 19 of 25 batches made, will need 6 more bags of sterotex before making more HOWEVER we are NOT to make more until DC baghouse pressure drop issues are resolved.**

**Work notification written to change the sheaves in the PK blender dust collector fan. The sheaves were previously changed to slow down the fan due to a squeeling sound, but since it's been slowed down the differential pressure on the collector is too low and out of compliance with the EPA. If we speed up the fan we should be able to achieve a higher dP, hopefully without the loud sound we had previously. Right now the fan is running about 1800RPM, the nameplate shows the design to be 3500RPM. We are not going to run the PK until this issue is resolved and the dP is within range,**

**Midnight Shift: No Activity**

**Day shift: Dust collector has been emptied. Justin still working on baghouse pressure drop issues. No production activity. Will be getting new DC bags/caps on Monday.**

**Afternoon shift: No activity**

**Building 27 Belt Filter / S1-S1 trial:**

**All material is now available. Continue to monitor and work with the north end during this campaign of 5020.**

**Midnight shift: Hold until Monday night.**

**Day shift: No activity.**

**Afternoon Shift: Hold for now....the 3<sup>rd</sup> strike tank prep will be held until Monday night (was Sunday night but now moved to Monday night). Jack has provided instructions to 3<sup>rd</sup> shift operator (Nielsen) so that everything will be ready on Tuesday morning when Beachwood personnel arrive.**

**Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.**

- 1) Reduction Towers**
- 2) Reduction Tower Screeners**
- 3) S1-81 Trials**
- 4) #3 Line/#3RC**
- 5) #1 Line/#1 RC**
- 6) West Pfaudler/National Dryer/#4RC**
- 7) #2 Line/#2RC**
- 8) #5 RC**
- 9) Horne Tableting**
- 10) South PK**
- 11) Abbe/#6RC**

**To-Do items:**

**Fix Welding engineer - GEM to remove auger so they can be fixed / replaced for AI-4190**

**Fix F1 issues will be addressed by Ameriwave on Monday morning**

**We got a drum of Versal B from line one in Powder room at the end of the run. 100+ pounds.**

**Cu-0860 inserts can be placed in the oven in B-31 lab for 2 hours then poke out inserts with paperclip-per Bob Priscak.**